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DATE MAILED: 06/15/2010

### NOTICE OF ALLOWANCE AND FEE(S) DUE

26574 7590 06/15/2010

SCHIFF HARDIN, LLP PATENT DEPARTMENT 233 S. Wacker Drive-Suite 6600 CHICAGO, IL 60606-6473 EXAMINER
BLIZZARD, CHRISTOPHER JAMES
ART UNIT PAPER NUMBER
3771

 APPLICATION NO.
 FILING DATE
 FIRST NAMED INVENTOR
 ATTORNEY DOCKET NO.
 CONFIRMATION NO.

 10/578.833
 05/10/2006
 Georgios Psaros
 P06.0153
 3781

TITLE OF INVENTION: METHOD AND DEVICE FOR REDUCING THE CARBON DIOXIDE CONTENT IN A DEAD VOLUME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(8) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	09/15/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 1SI. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and I/2 the ISSUE FIEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correct maintenance fee notifica	ed below or directed ot	ng the Patent, advance of herwise in Block 1, by (	rders and notification of a) specifying a new corre	spondence address;	and/or	(b) indicating a sepa	arate "FEE AD	DRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			No Fee pap hav	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mus have its own certificate of mailing or transmission.				
	DIN, LLP ARTMENT Drive-Suite 6600	5/2010	I ho Sta add trar	Cert creby certify that this tes Postal Service w ressed to the Mail asmitted to the USPI	ificate s Fec(s ith suff Stop [ O (57]	of Mailing or Trans ) Transmittal is being licient postage for fir ISSUE FEE address () 273-2885, on the d	mission g deposited with st class mail in above, or being ate indicated be	h the United an envelope ng facsimile elow.
CHICAGO, IL	50606-6473						(De	epositor's name)
								(Signature)
			L					(Date)
APPLICATION NO.	FILING DATE	:	FIRST NAMED INVENTOR	t	ATTO	RNEY DOCKET NO.	CONFIRMAT	TON NO.
10/578,833 TITLE OF INVENTION	05/I0/2006 I: METHOD AND DEV	ICE FOR REDUCING T	Georgios Psaros HE CARBON DIOXIDE (	CONTENT IN A DE	AD V	P06,0153 OLUME	378:	I
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE	DUE
nonprovisional	NO	\$1510	\$300	\$0		\$1810	09/15	/2010
EXAM	INER	ART UNIT	CLASS-SUBCLASS	]				
BLIZZARD, CHRI	STOPHER JAMES	3771	I28-205280	•				
"Fee Address" inc PTO/SB/47; Rev 03-1 Number is required.  3. ASSIGNEE NAME A	condence address (or Cha B/122) attached. lication (or "Fee Address 202 or more recent) attack and RESIDENCE DAT. less an assignee is ident th in 37 CFR 3.11. Com	ange of Correspondence s" Indication form hed. Use of a Customer  A TO BE PRINTED ON	(1) the names of up to or agents OR, alternati (2) the name of a sing registered attorney or 2 registered patent att listed, no name will be THE PATENT (print or ty data will appear on the p Tr a substitute for filing an (B) RESIDENCE: (CIT*	wely, le firm (having as a agent) and the name rneys or agents. If n printed.  pe)  patent. If an assigne assignment.	membe s of up so nam e is id	er a 2	ocument has be	
4a. The following fee(s)  Issue Fee	are submitted:	4	rinted on the patent):	ase first reapply an	y prev	lously paid issue fee		Government
☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).					
	s SMALL ENTITY stat	us. See 37 CFR 1.27.	b. Applicant is no lor					
interest as shown by the	records of the United Sta	ates Patent and Trademark	ed from anyone other than k Office.	uie applicant, a regis	tereu a	morney or agent, or ti	ic assignee or o	thei party ii
Authorized Signature				Date				_
Typed or printed name				Registration No				
This collection of inform an application. Confider submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 22:	nation is required by 37.0 tiality is governed by 35 d application form to the ions for reducing this bu /irginia 22313-1450. DO 813-1450.	CFR 1.311. The informati 5 U.S.C. 122 and 37 CFR e USPTO. Time will var- trden, should be sent to tf D NOT SEND FEES OR	on is required to obtain or 1.14. This collection is es depending upon the indi the Chief Information Offic COMPLETED FORMS T	retain a benefit by th timated to take 12 m vidual case. Any cor er, U.S. Patent and 1 O THIS ADDRESS.	e publ inutes nment: Tradem SENI	ic which is to file (an- to complete, includir s on the amount of ti- ark Office, U.S. Dep D TO: Commissioner	by the USPTO ig gathering, pr me you require artment of Con for Patents, P.C	to process) eparing, and to complete imerce, P.O. D. Box 1450.

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# UNITED STATES PATENT AND TRADEMARK OFFICE

#### UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/578,833	05/10/2006	Georgios Psaros	P06,0153	3781		
26574 7.	590 06/15/2010		EXAMINER			
SCHIFF HARDIN, LLP			BLIZZARD, CHRISTOPHER JAMES			
PATENT DEPARTMENT			ART UNIT	PAPER NUMBER		
233 S. Wacker Drive-Suite 6600 CHICAGO, IL 60606-6473			3771			

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 536 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 536 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

## Application No. Applicant(s) 10/578 833 PSAROS, GEORGIOS Notice of Allowability Examiner Art Unit CHRISTOPHER BLIZZARD 3771 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. This communication is responsive to Amendment filed 3/29/10. The allowed claim(s) is/are 2, 3, 5, 6, 7, 9 and 10. 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) X All b) ☐ Some\* c) ☐ None of the: 1. T Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). \* Certified copies not received: \_\_\_\_\_. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 1. Notice of References Cited (PTO-892) 5. Notice of Informal Patent Application 2. Notice of Draftperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413), Paper No./Mail Date Information Disclosure Statements (PTO/SB/08). T Examiner's Amendment/Comment Paper No./Mail Date

U.S. Patent and Trademark Office PTOL-37 (Rev. 08-06)

Examiner, Art Unit 3771

of Biological Material

/CHRISTOPHER\_BLIZZARD/

4. T Examiner's Comment Regarding Requirement for Deposit

Other .

/Justine R Yu/

8. X Examiner's Statement of Reasons for Allowance

Supervisory Patent Examiner, Art Unit 3771